

Environmental Protection Agency

Pt. 63, Subpt. HHHHH, Table 7

TABLE 5 TO SUBPART HHHHH OF PART 63—EMISSION LIMITS AND WORK PRACTICE STANDARDS FOR TRANSFER OPERATIONS

As required in §63.8025, you must meet each emission limit and work practice standard in the following table that applies to your transfer operations.

| For each . . .  | You must . . .   |
|---|--|
| 1. Group 1 transfer operation vent stream.  | a. Reduce emissions of total organic HAP by ≥75 percent by weight by venting emissions through a closed-vent system to any combination of control devices (except a flare); or<br>b. Reduce emissions of total organic HAP by venting emissions from a non-halogenated vent stream through a closed-vent system to a flare; or<br>c. Use a vapor balancing system designed and operated to collect organic HAP vapors displaced from tank trucks and railcars during loading and route the collected HAP vapors to the storage tank from which the liquid being loaded originated or to another storage tank connected by a common header. |
| 2. Halogenated Group 1 transfer operation vent stream for which you use a combustion device to control organic HAP emissions. | a. Use a halogen reduction device after the combustion device to reduce emissions of hydrogen halide and halogen HAP by ≥95 percent by weight or to ≤0.45 kg/hr; or<br>b. Use a halogen reduction device before the combustion device to reduce the halogen atom mass emission rate to ≤0.45 kg/hr.  |

TABLE 6 TO SUBPART HHHHH OF PART 63—REQUIREMENTS FOR HEAT EXCHANGE SYSTEMS

As required in §63.8030, you must meet each requirement in the following table that applies to your heat exchange systems.

| For each . . .                               | You must . . .  |
|--|---|
| Heat exchange system, as defined in §63.101. | Comply with the requirements in §63.104, except as specified in §63.8030. |

TABLE 7 TO SUBPART HHHHH OF PART 63—PARTIALLY SOLUBLE HAZARDOUS AIR POLLUTANTS

As specified in §63.8020, the partially soluble HAP in wastewater that are subject to management and treatment requirements in this subpart are listed in the following table:

| Chemical name . . .                                 | CAS No. |
|---|---------|
| 1. 1,1,1-Trichloroethane (methyl chloroform) .....  | 71556   |
| 2. 1,1,2,2-Tetrachloroethane .....                  | 79345   |
| 3. 1,1,2-Trichloroethane .....                      | 79005   |
| 4. 1,1-Dichloroethylene (vinylidene chloride) ..... | 75354   |
| 5. 1,2-Dibromoethane .....                          | 106934  |
| 6. 1,2-Dichloroethane (ethylene dichloride) .....   | 107062  |
| 7. 1,2-Dichloropropane .....                        | 78875   |
| 8. 1,3-Dichloropropene .....                        | 542756  |
| 9. 2,4,5-Trichlorophenol .....                      | 95954   |
| 10. 2-Butanone (MEK) .....                          | 78933   |
| 11. 1,4-Dichlorobenzene .....                       | 106467  |
| 12. 2-Nitropropane .....                            | 79469   |
| 13. 4-Methyl-2-pentanone (MIBK) .....               | 108101  |
| 14. Acetaldehyde .....                              | 75070   |
| 15. Acrolein .....                                  | 107028  |
| 16. Acrylonitrile .....                             | 107131  |
| 17. Allyl chloride .....                            | 107051  |
| 18. Benzene .....                                   | 71432   |
| 19. Benzyl chloride .....                           | 100447  |
| 20. Biphenyl .....                                  | 92524   |
| 21. Bromoform (tribromomethane) .....               | 75252   |
| 22. Bromomethane .....                              | 74839   |
| 23. Butadiene .....                                 | 106990  |
| 24. Carbon disulfide .....                          | 75150   |
| 25. Chlorobenzene .....                             | 108907  |
| 26. Chloroethane (ethyl chloride) .....             | 75003   |
| 27. Chloroform .....                                | 67663   |
| 28. Chloromethane .....                             | 74873   |
| 29. Chloroprene .....                               | 126998  |
| 30. Cumene .....                                    | 98828   |